

Atty D cket No. 24745-1607

DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NUCLEIC ACID MOLECULES ENCODING TRANSMEMBRANE SERINE
PROTEASES, THE ENCODED PROTEINS AND METHODS BASED THEREON**

the specification of which

- () is attached hereto.
- (X) was filed by an authorized person on my behalf on February 2, 2001,
Application Serial No. 09/776,191. (Applicant's attorney is authorized to enter
Application Serial Number after execution of this document)
- (X) and as amended in the Preliminary Amended filed August 3, 2001.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and so identified, or §365(a) of any PCT international application that designated at least one country other than the United States of America, listed below, and I have also identified below any foreign application for patent or inventor's certificate or PCT international application on this invention filed by me or my legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Priority Claimed (Yes or No)</u>
N/A			

I hereby claim benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<u>Application Serial No.</u>	<u>Filing Date</u>
60/179,982	February 3, 2000;
60/183,542	February 18, 2000;
60/213,124	June 22, 2000;
60/220,970	July 26, 2000; and
60/234,840	September 22, 2000

Atty Docket No. 24745-1607

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
09/657,986	September 8, 2000	Pending

<u>PCT Application No.</u>	<u>Filing Date</u>
N/A	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls in respect to this application be directed to Stephanie Seidman, HELLER EHRMAN WHITE AND McAULIFFE LLP, 4250 Executive Square, 7th Floor, La Jolla, California 92037; 858-450-8400:

<u>Attorney</u>	<u>Reg. No.</u>
Stephanie Seidman	33,779
Gary H. Silverstein	39,372
Paula K. Schoeneck	39,362
Dale L. Rieger	43,045

and other members of the firm.

Address for correspondence: Stephanie Seidman
HELLER EHRMAN WHITE AND McAULIFFE LLP
4250 Executive Square, 7th Floor
La Jolla, California 92037

Full name of sole inventor: Edwin L. Madison

Inventor's signature: *Edwin L. Madison*

Date: 10/4/01

Residence: San Diego, California

Post Office Address: 11005 Cedarcrest Way
San Diego, California 92121

Citizenship: USA

Atty Docket No. 24745-1607

Full name of sole inventor: Edgar O. Ong

Inventor's signature: _____

Date: _____

Residence: San Diego, California

Post Office Address: 8328 Regents Road #3C
San Diego, California 92122

Citizenship: CANADA

Full name of sole inventor: Jiunn-Chern Yeh

Inventor's signature: _____

Date: _____

Residence: La Jolla, California

Post Office Address: 3128-E Via Alicante Drive
La Jolla, California 92037

Citizenship: TAIWAN

Atty Docket No. 24745-1607

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<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Priority Claimed (Yes or No)</u>
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and other members of the firm.

Address for correspondence: Stephanie Seidman
HELLER EHRMAN WHITE AND McAULIFFE LLP
4250 Executive Square, 7th Floor
La Jolla, California 92037

Full name of sole inventor: Edwin L. Madison

Inventor's signature: _____

Date: _____

Residence: San Diego, California

Post Office Address: 11005 Cedarcrest Way
San Diego, California 92121

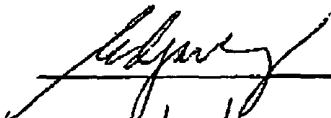
Citizenship: USA

Atty Docket No. 24745-1607

Full name of sole inventor:

Edgar O. Ong

Inventor's signature:


9/24/01

Date:

Residence:

San Diego, California

Post Office Address:

~~8328 Regents Road #3C~~ 7270 Calle Cristobal #56
~~San Diego, California 92122~~ San Diego, CA 92126

Citizenship:

CANADA

Full name of sole inventor:

Jiunn-Chern Yeh

Inventor's signature:

Date:

Residence:

La Jolla, California

Post Office Address:

3128-E Via Alicante Drive
La Jolla, California 92037

Citizenship:

TAIWAN

Atty Docket No. 24745-1607

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<u>PCT Application No.</u>	<u>Filing Date</u>
N/A	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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<u>Attorney</u>	<u>Reg. No.</u>
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Dale L. Rieger	43,045

and other members of the firm.

Address for correspondence: Stephanie Seidman
HELLER EHRMAN WHITE AND McAULIFFE LLP
4250 Executive Square, 7th Floor
La Jolla, California 92037

Full name of sole inventor: Edwin L. Madison

Inventor's signature: _____

Date: _____

Residence: San Diego, California

Post Office Address: 11005 Cedarcrest Way
San Diego, California 92121

Citizenship: USA

Atty Docket No. 24745-1607

Full name of sole inventor: Edgar O. Ong

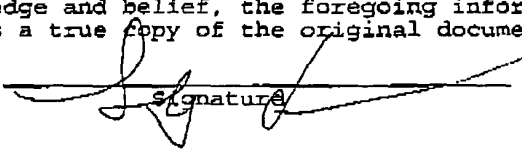
Inventor's signature: _____

Date: _____

Residence: San Diego, CaliforniaPost Office Address: 8328 Regents Road #3C
San Diego, California 92122Citizenship: CANADAFull name of sole inventor: Jiunn-Chern YehInventor's signature: Date: 9/25/2001Residence: San Diego
La Jolla, CaliforniaPost Office Address: 3128 E Via Alicante Drive 11629 Westview Parkway
La Jolla, California 92037 San Diego, CA 92126Citizenship: TAIWAN

J.C.

Atty. Dkt. No. 24745-1607

Form PTO-1595	
RECORDATION FORM COVER SHEET PATENTS ONLY	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
1. Name of Conveying party(ies): MADISON, EDWIN L. ONG, EDGAR O. YEH, JIUNN-CHERN Additional name(s) of conveying party(ies) attached? <u>Yes</u> <u>X</u> No	2. Name and address of receiving Party(ies) CORVAS INTERNATIONAL, INC. 3030 Science Park Road San Diego, CA 92121 Additional name(s) & address(es) attached? <u>Yes</u> <u>X</u> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of name <input type="checkbox"/> Other _____ Execution Date: MADISON, EDWIN L.: 02/22/2001; ONG, EDGAR O.: 02/08/2001; YEH, JIUNN-CHERN: 02/21/2001	
Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s): 09/776,191	B. Patent No.(s)
Additional numbers attached? <u>Yes</u> <u>X</u> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Stephanie L. Seidman HELLER EHRMAN WHITE & MCAULIFFE LLP 4350 La Jolla Village Drive Suite 700 San Diego, CA 92122-1246	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Check enclosed <input checked="" type="checkbox"/> Authorized to charge any underpayment to deposit account 8. Deposit account Number: <u>50-1213</u>
DO NOT USE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Stephanie L. Seidman Name of Person Signing Registration No. 33,779	
Signature  Date <u>10/25/2001</u>	
Total number of pages including cover sheet, attachments, and document: <u>7</u>	

Atty Docket N . 24745-1607

ASSIGNMENT

I, EDWIN L. MADISON, a citizen of the United States of America, residing at 11005 Cedarcrest Way, San Diego, California 92121, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to CORVAS INTERNATIONAL, INC., a corporation organized under the laws of the State of Delaware, with a business address of 3030 Science Park Road, San Diego, California 92121, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to U.S. Patent Application Serial No. 09/776,191, filed in the United States Patent and Trademark Office on February 2, 2001 (Applicant's attorney is authorized to enter Application Serial Number after execution of this document), , and the invention disclosed therein invented by me entitled:

**NUCLEIC ACID MOLECULES ENDCODING TRANSMEMBRANE SERINE
PROTEASES, THE ENCODED PROTEINS AND METHODS BASED THEREON**

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

ASSIGNMENT
Madison et al.

Atty Docket No. 24745-1607

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

Date: 2/22/01

Ed L. Madison
Edwin L. Madison

STATE OF CA)
COUNTY OF San Diego) SS:

On February 22, 2001, before me, the undersigned, a notary public for the State of CA, personally appeared EDWIN L. MADISON, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.



Holly C. Wiederkehr
Notary Public

Atty Docket No. 24745-1607

ASSIGNMENT

I, EDGAR O. ONG, a citizen of Canada, residing at 7270 Calle Cristobal, #56, San Diego, California 92126, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **CORVAS INTERNATIONAL, INC.**, a corporation organized under the laws of the State of Delaware, with a business address of 3030 Science Park Road, San Diego, California 92121, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to U.S. Patent Application Serial No. 09/776,191, filed in the United States Patent and Trademark Office on February 2, 2001 (Applicant's attorney is authorized to enter Application Serial Number after execution of this document), and the invention disclosed therein invented by me entitled:

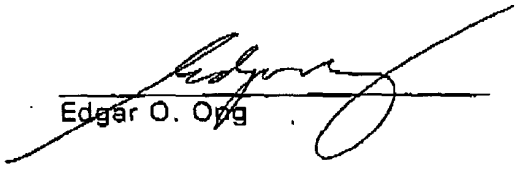
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and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

ASSIGNMENT
Madison *et al.*

Atty Docket No. 24745-1607

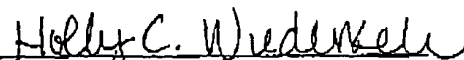
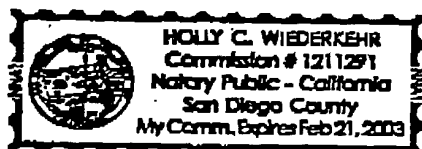
I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

Date: 2/8/2001
Edgar O. Ong

STATE OF CA)
COUNTY OF San Diego) SS:

On February 9, 2001, before me, the undersigned, a notary public for the State of CA, personally appeared EDGAR O. ONG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.


Notary Public

Atty Docket No. 24745-1607

ASSIGNMENT

I, JIUNN-CHERN YEH, a citizen of Taiwan, Republic of China, residing at 11629 Westview Parkway, San Diego, California 92126, U.S.A., for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **CORVAS INTERNATIONAL, INC.**, a corporation organized under the laws of the State of Delaware, with a business address of 3030 Science Park Road, San Diego, California 92121, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest in and to U.S. Patent Application Serial No. 09/776,191, filed in the United States Patent and Trademark Office on February 2, 2001 (Applicant's attorney is authorized to enter Application Serial Number after execution of this document), and the invention disclosed therein invented by me entitled:

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ASSIGNMENT
Madison *et al.*

Atty D cket No. 24745-1607

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

Date: Feb. 21, 2001

Jiunn-Chern Yeh
Jiunn-Chern Yeh

STATE OF CA)
COUNTY OF San Diego) SS:

On February 21, 2001 before me, the undersigned, a notary public for the State of CA, personally appeared JIUNN-CHERN YEH, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.



Holly C. Wiederkehr
Notary Public